

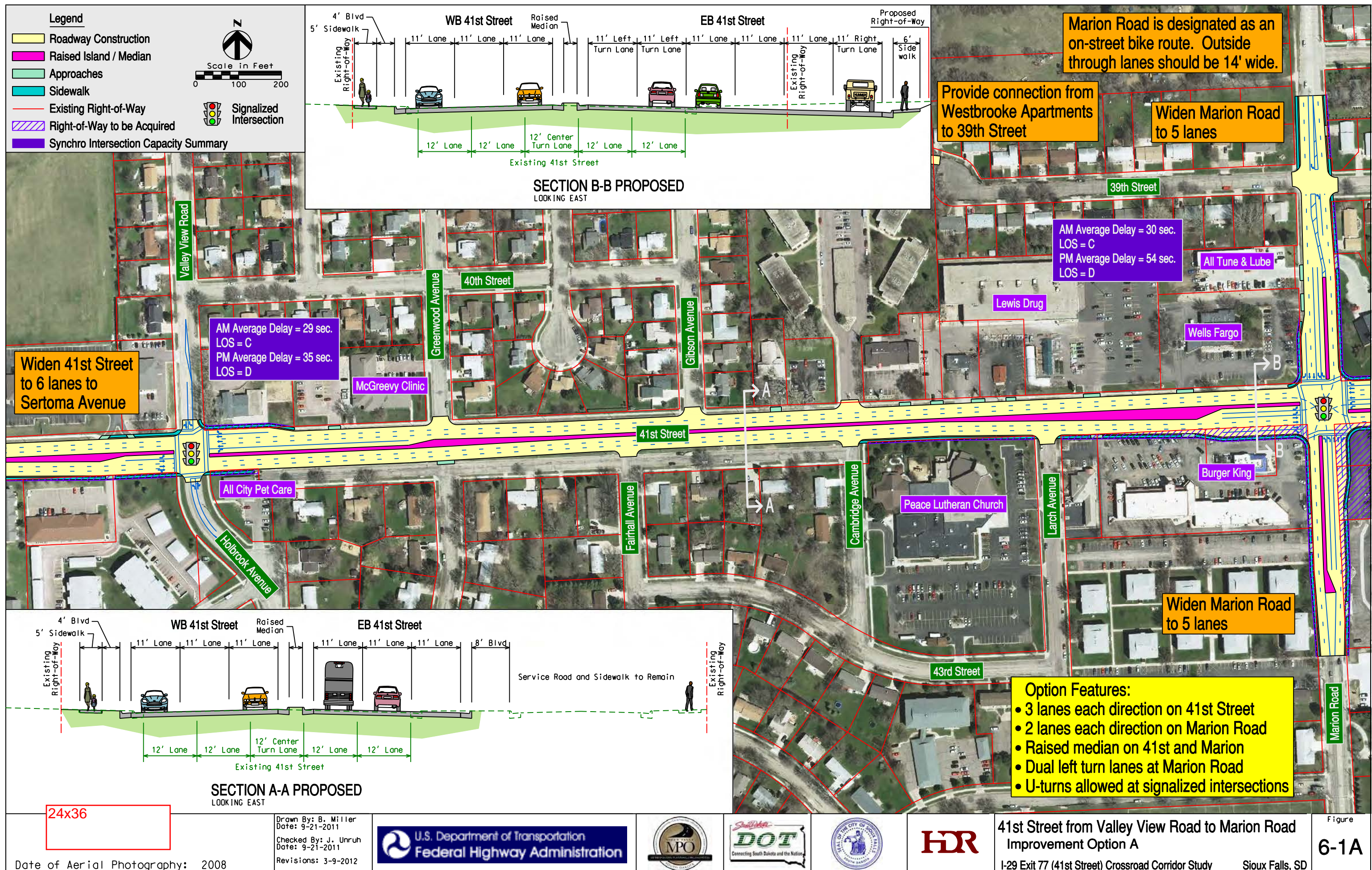
Segment 1 Concept Options Comparison		Consultant recommended option	
Option	A – Raised median	B – Raised median w/ ¾ movement	C – Center two-way left turn lane
Year 2035 Traffic Operations (PM Peak hour)			
Valley View Road intersection			
Level of Service (LOS)	D	D	D
Avg. Delay (seconds)	35	35	35
Marion Road intersection			
LOS	D	D	D
Avg. Delay (seconds)	54	54	54
Roadway Safety	Good	Good	Poor
Right-of-Way Impacts	Moderate	Moderate	Minimal
Construction Cost	Moderate	Moderate	Moderate
Ease of Construction	Moderate	Moderate	Moderate
Traffic Impacts during Construction	Moderate	Moderate	Moderate
Business/landowner Acceptance	Poor	Moderate	Good
Driver Acceptance	Moderate	Good	Good
Meets design guidelines	Yes	Yes	No
Pedestrian benefits	Curbside	Curbside	Curbside

Benefits/drawbacks of options as well as basis of Consultant Recommended Option are listed on the project website:

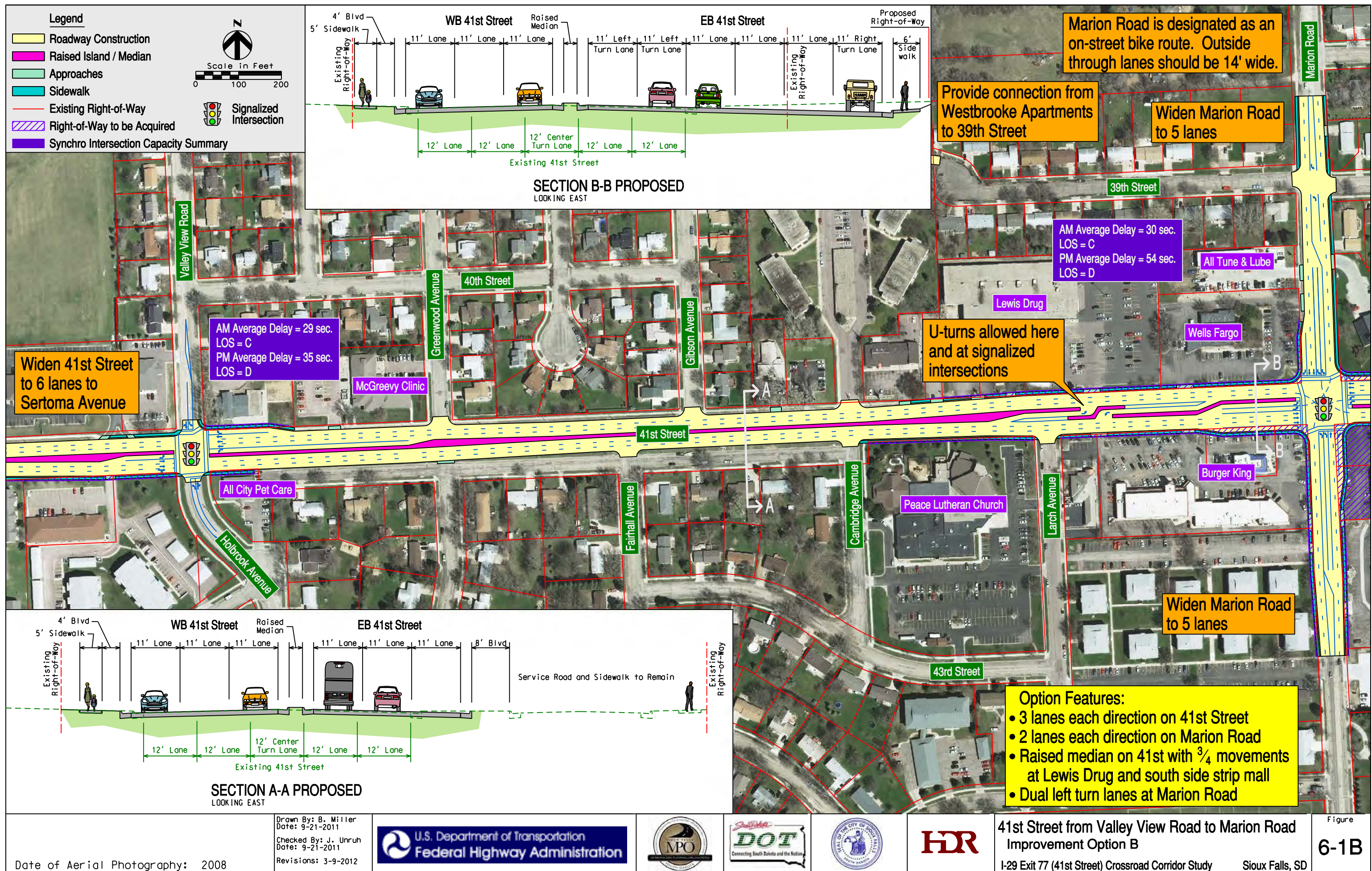
[http://www.sddot.com/pe/projdev/planning\\_ss\\_I29Exit77.asp](http://www.sddot.com/pe/projdev/planning_ss_I29Exit77.asp)

11x17

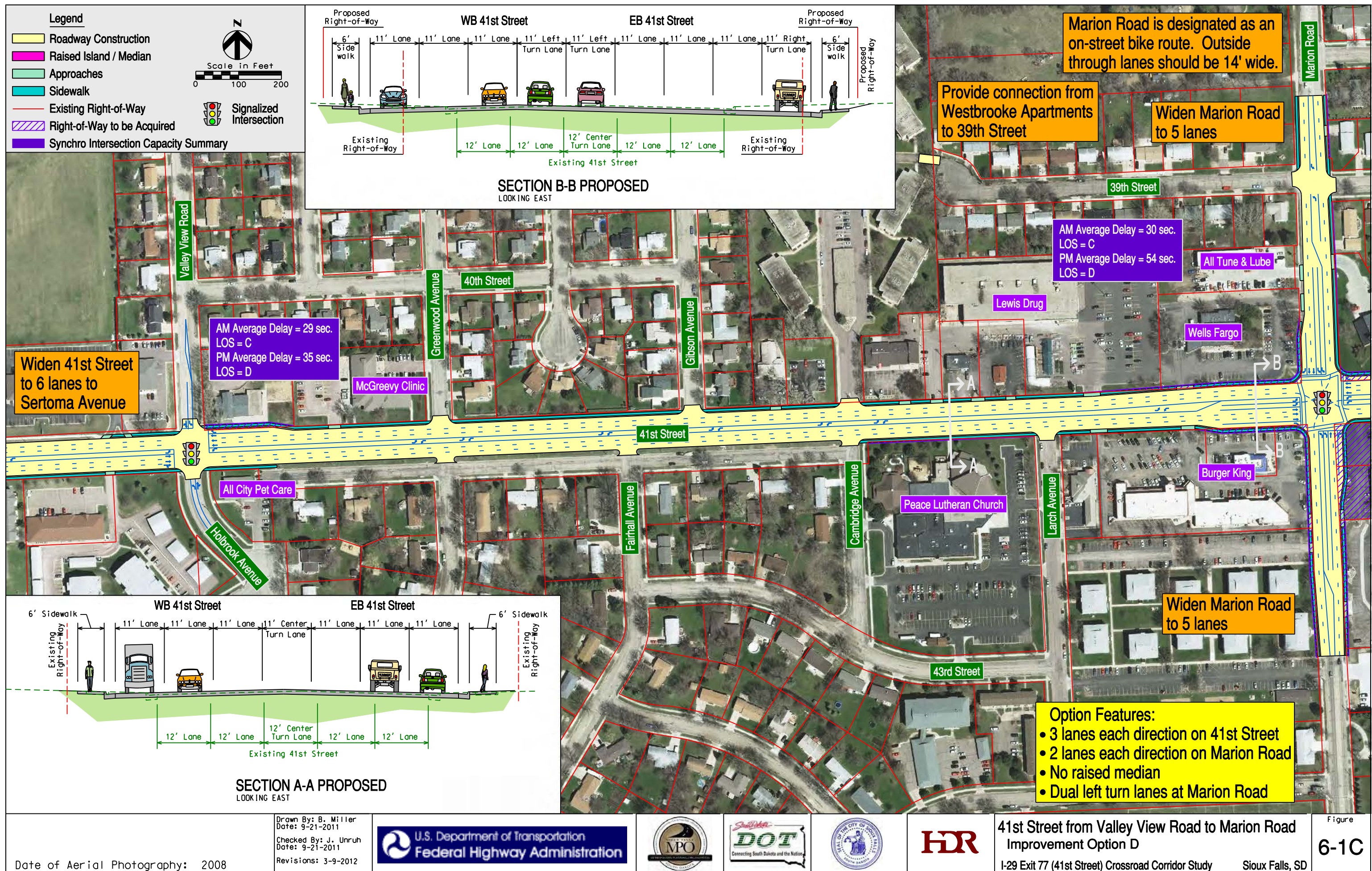












Date of Aerial Photography: 2008

Drawn By: B. Miller  
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Date: 9-21-2011  
Revisions: 3-9-2012



41st Street from Valley View Road to Marion Road  
Improvement Option D  
I-29 Exit 77 (41st Street) Crossroad Corridor Study  
Sioux Falls, SD

Figure  
6-1C